# 

# **ROAD & BRIDGE**

136 6<sup>th</sup> Street, Suite 103 Steamboat Springs, CO 8048 7 Phone: 970-879-0831 Fax: 970-879-3992

# **Permit Application**

**Type of permit applied for:** Grading and Excavating <u>X</u> Cattle Guard Installation \_\_\_ Adopt A Highway \_\_\_

other \_\_\_\_\_

Driveway \_\_\_ Special Event \_\_\_ Plow \_\_ Utility Installation \_\_\_\_ Oversize/Overweight \_\_\_ Work in Right-of Way\_\_\_

## **Property Information**

Project physical address: 40025 Baker WayCity: Steamboat SpringsParcel Number: 937044003Section(s): See DescriptionTownship: See DescriptionArea to be disturbed: 0.22 acresOutputSection(s)Section(s)

## **Owner/Applicant Information**

Four Points Su	irveying						
Applicant/ Contractor: and Engineerin	ng		Steamboat				
Mailing Address: PO Box 70966	(	City:	Springs	State:	СО	Zip:	80487
Phone number: 207-809-9522	Email:	davide	c@fourpointsse.	.com			
Property Owner: Duska Family LLC.			Steamboat				
Mailing Address: 40025 Baker Way	(	City:	Springs	State:	CO	Zip:	80487
Phone Number: 970-846-4424	Email: j	joe.dd	enterprises@gn	nail.com			
Contractor Name: D&D Enterprises	]	Phone	number: 970-	846-4424	Ļ		
Contractor Marile. D&D Enterprises	1	none	inumber. 970-	846-4424	•		

**Project Description:** 

The project includes grading and excavation for a new extended detention basin, stormwater treatment practice facility. The extended detention basin includes a grouted forebay, an emergency spillway, and an outlet control structure as detailed on the Site Plan.

# Guidelines for Grading and Excavating (G &E) Permits (Accounting # 03-00-06-000-5647)

<u>Permit Needed:</u> Routt County adopted IBC 2009 as amended by Resolution 2012-051 to govern grading and excavating. Additionally the Federal Clean Water Act requires storm water management and erosion control for disturbances greater than 1 (one) acre. A grading and excavating permit will be needed and is issued by the Routt County Road & Bridge Department for land disturbances that include:

Any excavation of 300 cubic yards or more of material

Any fill of 300 cubic yards or more of material

Any soil disturbance of one acre or more

Any activity that occurs within the 50-foot water body setback of any water body, as defined in the Routt County zoning resolution.

For additional information see: http://www.co.routt.co.us/DocumentCenter/View/159

Permit is not needed if only excavation or fill is for a structure foundation for a structure permited via a Routt County Building permit.

#### Permit Application shall include:

Site Plan/design (either CAD drawings or hand drawn to scale) with erosion control measures drawn in. See R &B for complete site plan checklist.

Storm Water Management Plan SWaMP (using the county format)

http://www.co.routt.co.us/DocumentCenter/View/158

Approximate amount of Cut, Fill, and/or Surface Area moved Additional info needed on application: If applicable, Wetland development permit, CDPHE permit.

#### Permit Process:

- 1. Submit complete G & E permit application to the County Road & Bridge Department offices at 136 6th Street, between the hours of 7:30 am and 4:30 pm. Applications must include cut/fill calculations.
- 2. Applicant completes Storm Water Management Plan (SWMP) and provides copy on-site.
- 3. R & B and Planning reviews application and inspects site.
- 4. Revisions are made by applicant if needed.
- 5. R & B and Planning re-reviews and re-inspects if needed.
- 6. If acceptable application is approved
- 7. Applicant pays fee and permit issued.
- 8. Applicant conducts work in accordance with plans, maintains erosion control, and updates SWMP as needed.
- 9. R & B inspects completed work
- 10. If erosion, re-vegetation and structural measures are met, permit is closed

Following G & E plan review and initial inspection of complete and adequate application the permit will typically be issued within 7 business days. G & E permits should follow Routt County Best Management Practices to control erosion and sediment. (Guidelines available at Routt County Road and Bridge or Planning Depts.) PLEASE NOTE: The municipalities/towns of Yampa, Hayden, and Oak Creek will assess charges as per the Uniform Building Code Appendix Chapter 33 and not the adopted version by the County.

Fee Calculation:

#### GRADING PLAN REVIEW FEES

50 cubic yards	No Fee
50 to 100 cubic vards	\$26.50
100 to 1,000 cubic yards	
1,000 to 10,000 cubic yards	\$55.00

10,000 to 100,000 cubic yards – \$55.00 for the first 10,000 cubic yards, plus \$27.50 for each additional 10,000 cubic yards or fraction thereof.

100,000 to 200,000 cubic yard s - \$302.50 for the first 100,000 cubic yards, plus \$14.85 for each additional 10,000 cubic yards or fraction thereof.

200,000 cubic yards or more - \$451.00 for the first 200,000 yards, plus \$8 .15 for each additional 10,000 cubic yards or fraction thereof.

#### GRADING PERMIT FEES

0 to 100 cubic yards.....\$50.00 100 to 1,000 cubic yards - \$50.00 for the first 100 cubic yards, plus \$20.00 for each additional 100 cubic yards or fraction thereof.

1,000 to 10,000 cubic yards - \$230.00 for the first 1,000 cubic yards, plus \$16.50 for each additional 1,000 cubic yards or fraction thereof.

10,000 to 100,000 cubic yards -\$378.50 for the first 10,000 cubic yards, plus \$75.00 for each additional 10,000 cubic yards or fraction thereof.

100,000 cubic yards or more - \$1,053.50 for the first 100,000 cubic yards p lus \$42.00 for each additional 10,000 cubic yards or fraction thereof.

#### OTHER FEES

1. Inspections outside of normal business hours (minimum charge – 4 hours)	\$50.00
per hour	
2. Reinspection fees (work not ready for inspection or called for corrections not made)	\$50.00
3. Inspections for which no fee is specifically indicated (minimum charge – 2 hours)	\$50.00
per hour	
4. Additional plan review required by changes, additions or revisions to or revisions to the	approved plans
(minimum charge – one half hour)	\$50.00
per hour	
Questions regarding details should be directed to the Road & Bridge Grading and Excavat	ing inspector's

Questions regarding details should be directed to the Road & Bridge Grading and Excavating inspector's office at (970) 870-5344.

### Permit Fee Calculation

Total earthwork = 1,350 cubic yards

Grading Plan Review Fee = \$55.00 Grading Permit Fee = \$230.00 + \$16.50 = \$246.50 Other Fees = None

Total = **\$301.50** 

# Storm Water Management Plan

Project Name: D&D Recycling	g Facility						
SITE DESCRIPTION							
Project Name and Location: ( <b>PARCEL #</b> , Section, Township, & Range; and Address)	D&D Recycling Facility, 40025 Baker Way, Steamboat Springs, CO 80487. Parcel ID: 937044003	OWNER Nam and Phone #:	ie, Address,	Duska Fam Steamboat 970-870-17	ily LLC, 40025 Baker Way, Springs, CO 80487 67		
Description: (Purpose and Types of Soil Disturbing Activities)	Excavation for a stormwater detention Includes grading a 0.5% slope across promote drainage to the southwestern	n pond facility. the site to n corner of the lot.	CONTACT Na Address, & Pl	ame, hone #:	David S. Clemmer, 410 South Lincoln Avenue, Unit 15, Steamboat Springs, CO 80487. 207-809-9522		
# Cubic Yards of soil cut/fill and/or amount of surface area moved.	Total Cut: 1,350 cu Total area of distu	u. yds To rbance: 9,	otal Fill: 0 730 sq. ft	cu. yds			
Site Area:	The site is approximately 3.0	acres of whice	ch <mark>o</mark> acres will	be disturbed b	by construction activities.		
Sequence of Major Activities	3						
The order of activities will be 1 Establish stablized construction entro 2 Install perimeter control measures (orange so 3 Install rock check dams at the south end of 4 Mobilize equipment to the site (i.e. excavator	e as follows: ance afety fence & non-woven silt fence) 'the existing ditch at the western property line. and skid steer)	5 Begin clearing, grubb 6 Install concrete wa 7 Establish grouted 8 Install PVC standpip 9 Install erosion con	ing, and excavating in locati shout structure rock forebay and emer a outlet control structure with trol matting on pond side	on of the detention pond. rgency spillway as detail h the orifice size and dimensi e-slopes. Begin placemen	ed on the Stormwater Improvements Plan and SWMP ons provided on the SWMP. Install outlet culvert to existing ditch nt of straw, seed, and mulch for permanent vegetation		
Name of Receiving Waters:	Yampa River						
		CONTRO	LS				
	Erosion ar	nd Sedimen	t Practices				
	Sta	abilization P	ractices				
Temporary Stabilization -	Silt fence on down-gradient side left unworked for more than (14) stockpiles. Install a stabilized cor	of construction, s consecutive days astruction entranc	tone check dams . Provide rock-sc e to limit the pote	in existing ditch, ock or straw wattle ential for mud tran	temporary seeding of exposed areas if e around the perimeter of temporary soil sport on to public roads.		
Permanent Stabilization -	Vegetation establishment stabilization at forebay inl	, erosion cont et, screened (	rol matting in gravel and ge	stallation on p otextile place	ond side slopes, rip-rap ment at outlet control structure.		
Weed Control -	Remove weeds as needed to proprocedures for detention ponds as https://www.mhfd.org/wp-content/	mote growth of na s outlined in the M uploads/2014/07/	tive grasses and v ile High Flood Dis Г-05-Extended-De	vegetation. Follow strict Technical Fa etention-Basin.pdf	standard mowing and debris removal ct Sheet for Extended Detention Basins.		
	S	tructural Pra	actices				
None anticipated f	or this project.						
	Storn	n Water Ma	nagement				
Silt fence or straw wattle equivalent to be provided do Check dams to be provide at the south end of the exis All temporary soil stockpiles shall be surrounded by or Erosion control natting or turf ineitorcement matting ( Establish permanent vegetation along the bottom and	wn-gradient of the detention pond to capture sediment i sting ditch (at the western property line) to provide addit ock-socks or straw wattle on down-gradient end to limit TRM) equivalent to be provided along the side-slopes of side slopes of pond. Includes 4 inches of sandy loan s	as a result from grading activitional sediment capture/contribute release of sediment-lade of the pond.	rities. ol. n stormwater. anket secured with stapling	. Apply temporary irrigation	to establish plant growth.		
Maintenance:	Temporary stormwater co significant rainfall event th measures shall be mainta	ntrol measure at produces ri ined as neces	s shall be ins unoff (events sary per the S	pected once e exceeding 0.2 SWMP/CSMP	every two weeks or after 25" of rainfall). Control plan notes to remain effective.		

# Storm Water Management Plan

		OTHER CONTROLS					
Wa	ste Disposal:	Waste and debris shall be cleaned up daily. An on-site waste disposal container shall be provided. Concrete washout area to be provided a minimum of 100 feet from the Yampa River.					
Wa	ste Materials	OTHER CONTROLS         Waste and debris shall be cleaned up daily. An on-site waste disposal container shall be provided. Concrete washout area to be provided a minimum of 100 feet from the Yampa River.         Cardboard, paper, plastic and other common construction related debris may be placed in the waste disposal container (dumpster).         Concrete washout to be be disposed of in the designated washout area. See SWMP for additional information.         No hazardous waste is anticipated for this project.         A temporary portable restroom shall be provided for construction workers. See SWMP for the proposed location. The office building on-site may be used as an alternative as approved/allowed by the property owner.         TIMING OF CONTROLS/MEASURES         ence perimeter controls shall be installed prior to grading activities.         TRM and soil stabilization to be completed directly proceding the grading of the pond.         TION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS         required to obtain a state general permit for stormwater associated with construction activites. ance area is less than one acre and follows small site stormwater management procedures.         MAINTENANCE/INSPECTION PROCEDURES         Erosion and Sediment Control Inspection and Maintenance Practices         /or silt fence: shall be inspected regularly per this SWMP. When sediment reaches 1/3 the height or silt fence, the sediment shall be removed and the straw wattle or silt fence maintained.					
Ha	zardous Waste	No hazardous waste is anticipated for this project.					
Sai	nitary Waste	A temporary portable restroom shall be provided for construction workers. See SWMP for the proposed location. The office building on-site may be used as an alternative as approved/allowed by the property owner.					
		TIMING OF CONTROLS/MEASURES					
St St Er	raw wattle and/or silt fence one check dams to be insta osion control matting/TRM	perimeter controls shall be installed prior to grading activities at the downgradient edge of the limits of disturbance. Iled in existing ditch prior to grading activities. and soil stabilization to be completed directly proceding the grading of the pond.					
	CERTIFICATIO	N OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS					
Co Th	ontractor is NOT requ ne overall disturbance	ired to obtain a state general permit for stormwater associated with construction activites. area is less than one acre and follows small site stormwater management procedures.					
		MAINTENANCE/INSPECTION PROCEDURES					
	Erc	sion and Sediment Control Inspection and Maintenance Practices					
1	Straw wattles and/or s of the straw wattle or s	ilt fence: shall be inspected regularly per this SWMP. When sediment reaches 1/3 the height silt fence, the sediment shall be removed and the straw wattle or silt fence maintained.					
2	Ditch check dams: height of the ditch	shall be inspected regularly per this SWMP. When sediment reaches 1/3 the check dam, the sediment shall be removed.					
3	Slope stabilization and permanent set	n measures shall be monitored to ensure establishment of both temporary oil stabilization along 4:1 (H:V) side-slopes.					
4	Stabilized construction of displaced as a result of	entrance: Periodically check the integirty of the entrance pad and replace rocks/gravels that have been vehicle transport. Installation of FODs tracking pads may be used as a substitute to rock/gravel pads.					
5							
6							

_	Storm Water Manage	em	ient Plan
The materials	s or substances listed below are expected to be present onsite de	uring c	construction:
•	Erosion control measure materials (i.e. snow fence, silt fence, wattle, check dams, matting)	•	Concrete + mortar for forebay installation
•	Dumpster and portable restroom	•	Concrete washout area PVC pipe for outlet control structure standpipe
	Spill Control Practic	ces	
in addition to sections of th	the good housekeeping and material management practices dis- is plan, the following practices will be followed for spill prevention	cusseo	d in the previous cleanup:
•	See the attached SWMP for detailed inform	natio	n on spill control procedures.
•			
•			
•			
	STORM WATER MANAGEMENT PL	AN C	ERTIFICATION
I certify unde supervision ir evaluated the or of those pe my knowledg submitting fal	r penalty of law that this document and all attachments were prep n accordance with a system designed to assure that qualified per e information submitted. Based on my inquiry of the person or pe ersons directly responsible for gathering the information, the infor e and belief, true accurate, and complete. I am aware that there lse information, including the possibility of fine and imprisonment	pared rsonne ersons rmatio are si for kn	under my direction or el properly gathered and who manage the system, n submitted is, to the best of ignificant penalties for iowing violations.
Signed:			
Date:	11-06-2023		







# **STORMWATER MANAGEMENT PLAN (SWMP)**

# **STORMWATER MANAGEMENT PLAN NOTES:**

- THIS PLAN SHALL BE KEPT ON SITE AT ALL TIMES AND UPDATED TO REFLECT ANY CHANGES
- CLEARING OR GRADING SHALL NOT BEGIN UNTIL ALL CONTROL MEASURES HAVE BEEN INSTALLED
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION AND ESTABLISHING ANY REQUIRED PERMANENT CONTROL MEASURES TO PREVENT RELEASE OF POLLUTANTS FROM THE PROJECT SITE
- CONTROL MEASURES SHALL BE USED, MODIFIED, AND MAINTAINED WHENEVER NECESSARY TO REFLECT CURRENT CONDITIONS. CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY PRECIPITATION EVENT. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM CONTROL MEASURES WHEN THE SEDIMENT LEVEL REACHES 1/2 THE HEIGHT OF THE CONTROL MEASURE.
- VIA APPROVED LOCATIONS AS SHOWN ON APPROVED SWMP.
- FOR AREAS OF LAND DISTURBANCE WITHIN ONE GROWING SEASON.
- MATERIALS SHALL NOT BE ALLOWED TO ENTER STATE WATERS.
- EMERGENCY ACCESS MUST BE KEPT OBSTACLE FREE AND PASSABLE AT ALL TIMES.
- 11

# SPILL CONTROL PRACTICES AND PROCEDURES:

FUELING PROCEDURES:

THE FOLLOWING MEASURES & PROCEDURES WILL BE IMPLEMENTED TO REDUCE FUEL SPILLS OR LEAKS DURING CONSTRUCTION: 1. ON-SITE STORAGE OF FUEL IS PROHIBITED.

- SPILL PREVENTION MEASURES
- NEVER DISPOSE INTO STORM OR SANITARY SEWER. CLEAN UP SPILLS WITH DRY METHODS (ABSORBENTS).
- SYSTEM.

# **CLEAN UP MATERIAL LOCATIONS**

- SPILL KIT IN JOB TRAILER OR OFFICE BUILDING. ABSORBENT PADS IN MECHANICS TRUCK.
- SPILL RESPONSE PROCEDURES
- CONTAIN AND CLEANUP SPILLS PROMPTLY AFTER THE SPILL IS DISCOVERED.
- WIPE UP SMALL SPILLS WITH A RAG.
- ABSORBENTS PROPERLY.
- ONCE THE SPILL IS CONTAINED NOTIFY SUPERVISOR.
- EMERGENCY SPILL REPORTING LINE : 1-877-518-5608.

	STORMWATER	MANAGEMENT PLAN LE
		STRAW WATTLE OR ROCK SC
	A Contraction of the second se	STONE CHECK DAM
		CONCRETE WASHOUT
		CONTRACTOR STAGING ARE
	$\left\langle \right\rangle$	EROSION CONTROL MATTING
(	$\bigcirc$	SOIL STOCKPILE
		VEHICULAR ACCESS PATH
		STABILIZED CONSTRUCTION

**D&D RECYCLING FACILITY** 

LOCATED IN THE SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  SECTION 4 AND THE NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  SECTION 9, TOWNSHIP 6 NORTH, RANGE 84 WEST OF THE 6TH P.M., **ROUTT COUNTY, COLORADO** 

ALL INGRESS AND EGRESS ACCESS POINTS ON TO THE DISTURBED SITE MUST BE STABILIZED WITH A STABILIZED CONSTRUCTION ENTRANCE. ACCESS SHALL ONLY BE

TEMPORARY SOIL STABILIZATION MEASURES SHALL BE IMPLEMENTED WHERE GROUND DISTURBANCES HAVE TEMPORARILY OR PERMANENTLY CEASED FOR 14 DAYS OR

CONCRETE WASTE AND WASHOUT WATER FROM MIXING TRUCKS SHALL BE CONTAINED ON SITE, REMOVED FROM THE SITE, AND PROPERLY DISPOSED.

CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL LOCAL, STATE, AND FEDERAL LAWS. IN ADDITION CONTRACTOR MUST OBTAIN REQUIRED PERMITS

CONTRACTOR SHALL PROVIDE ADEQUATE WASTE MANAGEMENT INCLUDING BUT NOT LIMITED TO A REGULARLY MAINTAINED ON SITE DUMPSTER AND PORTA-POTTY FINAL STABILIZATION IS THE CONDITION REACHED WHEN ALL GROUND SURFACE DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND FOR ALL AREAS OF GROUND SURFACE DISTURBING ACTIVITIES A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED WITH AN INDIVIDUAL PLANT DENSITY OF AT LEAST 70 PERCENT OF PRE-DISTURBANCE LEVELS, OR EQUIVALENT PERMANENT, PHYSICAL EROSION REDUCTION METHODS HAVE BEEN EMPLOYED.

2. RE-FUELING OPERATOR (DESIGNATED BY THE OWNER) SHALL BE RESPONSIBLE FOR FULL-TIME OBSERVATION DURING RE-FUELING OR CONSTRUCTION EQUIPMENT.

• PERFORM INSPECTIONS AND PREVENTATIVE MAINTENANCE OF EQUIPMENT FOR PROPER OPERATION AND TO CHECK FOR LEAKS OR EVIDENCE OF DISCHARGE (STAINS). ENSURE REPAIRS ARE COMPLETED OR PROVIDE TEMPORARY LEAK CONTAINMENT UNTIL SUCH REPAIRS CAN BE MADE.

• DRAIN USED MOTOR OIL AND OTHER FLUIDS IN A DESIGNATED AREA AWAY FROM STORM INLETS. COLLECT SPENT FLUIDS AND RECYCLE OR DISPOSE OF PROPERLY.

• NEVER HOSE DOWN A SPILL OR ABSORBENT MATERIALS INTO THE STORM DRAIN, OR DOWN INTO AN INTERIOR FLOOR DRAIN WHICH LEADS TO THE SANITARY SEWER

• CONTAIN MEDIUM-SIZED SPILLS WITH ABSORBENTS AND USE BERMS OR ABSORBENT "SNAKES" AS TEMPORARY BOOMS FOR THE SPILL. STORE AND DISPOSE OF

• FOR LARGE SPILLS, FIRST CONTAIN THE SPILL AND THEN PROCEED TO CLEAN UP THE SPILL.

• ONCE THE SUPERVISOR IS NOTIFIED THEY SHOULD NOTIFY ONE OF THE SPILL PREVENTION COORDINATORS.

• EXCAVATION OF SPILL AREAS TO REMOVE CONTAMINATED MATERIAL MAY BE REQUIRED WHERE LARGE LIQUID SPILLS OCCUR ON UNPAVED SURFACES.

• RECORDS OF SPILLS, LEAKS, OR OVERFLOWS THAT RESULT IN THE DISCHARGE OF POLLUTANTS MUST BE DOCUMENTED AND MAINTAINED.

IF SPILL ENTERS STATE WATERS INCLUDING STORM SEWERS YOU MUST CONTACT THE STATE **IMMEDIATELY** AT THE 24-HOUR

# EGEND SOCK N ENTRANCE

## PROJECT EARTHWORK QUANTITIES:

AREA OF DISTURBANCE:	9,730	SQ. FT.
TOPSOIL STRIPPING:	180	CU. YDS.
TOTAL CUT:	1,350	CU. YDS.
TOTAL FILL:	0	CU. YDS.
NET (CUT):	1,350	CU. YDS.

NOTES:

- 1. TOPSOIL STRIPPING ASSUMES AN AVERAGE TOPSOIL DEPTH OF 0.50 FEET ACROSS THE AREA OF DISTURBANCE. ACTUAL TOPSOIL DEPTH MAY VARY ACROSS THE SITE.
- 2. THE PROJECT IS ENTIRELY LIMITED TO CUT VOLUMES. NO FILL IS ANTICIPATED WITHIN THE SCOPE OF WORK.
- 3. AN APPROVED DUMP-SITE SHALL BE DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. MATERIAL HAUL-OFF SLIPS SHALL BE COLLECTED AND DOCUMENTED CONCURRENT WITH GRADING OPERATIONS.

						SURVEYING ENGINEERING	-	
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INT								
REVISIONS								
o. DATE								
D&D RECYCLIN 40025 BAKH STEAMBOAT SPR								
40' DAT JOE DRA DES REV	Horiz Contou E: 11-0 3 #: 2088 WN BY SIGN BY IF THIS DR/ FORMAT O GRAPHIC SC	2011 1" = 1" Int 6-202 5-001 : DS 5-001 : DS 7: WN	: 4( erv 23 C/A C IM S PR HAN IOUL	S )' /al ESEI 24";) D BE	200 = 1 = 1		<b>A</b> ≡ D.	40'
AWING:		STORMWATER		MANAGEMENT		FLAN (SWIMF)	~	

